

Specification

Item number: 9897

Ammonia solution

4 mol/l - 4 N, volumetric standard solution

CAS No.: 1336-21-6

print date: 26.01.2024

formula: $\text{NH}_3 + \text{H}_2\text{O}$

density: 0,96

molecular weight: 17,03 + aq g/mol

Type analysis

Amount-of-substance concentration (20 °C) 4 mol/l $\pm 0,5$ %

Titer 0,9950-1,0050

Ammonia solution and water pure

method of analysis: acidimetric titration (back-titration)

using: 1. sulfuric acid volumetric standardized against tris(hydroxymethyl)aminomethane

using: 2. sodium hydroxide volumetric solution standardized against potassium hydrogenphthalate

indicator: methyl red

Reference material is traceable to NIST

Our products are tested for laboratory use only.

The stated information refers to the current status of product quality.

We reserve the right to implement necessary changes.

Dr. R. Niemand
Head of Quality Assurance

S. Lorsee
Head of Quality Management

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Carl Roth GmbH + Co. KG
Schoemperlenstraße 3-5
76185 Karlsruhe

Telefon 0721/5606-0
Telefax 0721/5606-149
E-Mail: info@carlroth.de

Die Firma ist eine Kommanditgesellschaft mit Sitz in Karlsruhe, Reg. Gericht Mannheim HRA 100055. Persönlich haftende Gesellschafterin ist die Firma Roth Chemie GmbH mit Sitz in Karlsruhe, Reg. Gericht Mannheim HRB 100428. Geschäftsführer: André Houdelet

